

Agricultural Management Assistance

Fiscal Year 2022

Code	Practice	Component	Units	Unit Cost
311	Alley Cropping	3-row alley cropping	Ac	\$550.28
311	Alley Cropping	HU-3-row alley cropping	Ac	\$660.34
311	Alley Cropping	Alley Cropping-single row	No	\$27.58
311	Alley Cropping	HU-Alley Cropping-single row	No	\$33.10
325	High Tunnel System	Contiguous US Snow	SqFt	\$4.16
325	High Tunnel System	HU-Contiguous US Snow	SqFt	\$4.99
325	High Tunnel System	Small High Tunnel, Snow and Wind	SqFt	\$7.46
325	High Tunnel System	HU-Small High Tunnel, Snow and Wind	SqFt	\$8.95
327	Conservation Cover	Introduced Species	Ac	\$141.87
327	Conservation Cover	HU-Introduced Species	Ac	\$170.25
327	Conservation Cover	Introduced with Forgone Income	Ac	\$397.05
327	Conservation Cover	HU-Introduced with Forgone Income	Ac	\$420.61
327	Conservation Cover	Monarch Species Mix	Ac	\$644.37
327	Conservation Cover	HU-Monarch Species Mix	Ac	\$773.25
327	Conservation Cover	Native Species	Ac	\$162.83
327	Conservation Cover	HU-Native Species	Ac	\$195.40
327	Conservation Cover	Native Species with Forgone Income	Ac	\$442.08
327	Conservation Cover	HU-Native Species with Forgone Income	Ac	\$474.64
327	Conservation Cover	Orchard or Vineyard Alleyways	Ac	\$98.08
327	Conservation Cover	HU-Orchard or Vineyard Alleyways	Ac	\$117.70
327	Conservation Cover	Pollinator Mix on Urban Sites	kSqFt	\$91.46
327	Conservation Cover	HU-Pollinator Mix on Urban Sites	kSqFt	\$109.75
327	Conservation Cover	Pollinator Species	Ac	\$525.33
327	Conservation Cover	HU-Pollinator Species	Ac	\$630.39
327	Conservation Cover	Pollinator Species with Forgone Income	Ac	\$802.28
327	Conservation Cover	HU-Pollinator Species with Forgone Income	Ac	\$906.89
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$11.28

Code	Practice	Component	Units	Unit Cost
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	Ac	\$13.53
328	Conservation Crop Rotation	Specialty Crop Rotations Urban or Small Scale	kSqFt	\$29.24
328	Conservation Crop Rotation	HU-Specialty Crop Rotations Urban or Small Scale	kSqFt	\$35.09
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	\$30.07
328	Conservation Crop Rotation	HU-Specialty Crops Organic and Non-Organic	Ac	\$36.09
329	Residue and Tillage Management, No Till	No Till Adaptive Management	No	\$2,956.48
329	Residue and Tillage Management, No Till	HU-No Till Adaptive Management	No	\$3,547.78
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	\$17.11
329	Residue and Tillage Management, No Till	HU-No-Till/Strip-Till	Ac	\$20.53
329	Residue and Tillage Management, No Till	Urban Small Scale No Till No Dig with Residue or Cover	kSqFt	\$33.35
329	Residue and Tillage Management, No Till	HU-Urban Small Scale No Till No Dig with Residue or Cover	kSqFt	\$40.02
340	Cover Crop	Cover Crop - 1 acre or less	Ac	\$412.15
340	Cover Crop	HU-Cover Crop - 1 acre or less	Ac	\$494.59
340	Cover Crop	Cover Crop - Adaptive Management	No	\$2,196.83
340	Cover Crop	HU-Cover Crop - Adaptive Management	No	\$2,636.20
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$52.44
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	Ac	\$62.93
340	Cover Crop	Cover Crop - Basic Organic	Ac	\$81.24
340	Cover Crop	HU-Cover Crop - Basic Organic	Ac	\$97.49
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$64.10
340	Cover Crop	HU-Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$76.92
340	Cover Crop	Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$18.96
340	Cover Crop	HU-Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$22.76
340	Cover Crop	Multi-species Cover Crop per 1000 square feet	kSqFt	\$42.12
340	Cover Crop	HU-Multi-species Cover Crop per 1000 square feet	kSqFt	\$50.55
342	Critical Area Planting	Hydroseed	Ac	\$1,052.93
342	Critical Area Planting	HU-Hydroseed	Ac	\$1,263.51
342	Critical Area Planting	Hydroseed, extra site preparation	Ac	\$1,570.15
342	Critical Area Planting	HU-Hydroseed, extra site preparation	Ac	\$1,884.18

Code	Practice	Component	Units	Unit Cost
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$879.17
342	Critical Area Planting	HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$1,055.00
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$557.26
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$668.71
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$271.42
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$325.71
342	Critical Area Planting	Native or Introduced Vegetation including shrub planting - Normal Tillage	Ac	\$757.97
342	Critical Area Planting	HU-Native or Introduced Vegetation including shrub planting - Normal Tillage	Ac	\$909.56
342	Critical Area Planting	Small Scale or Urban Field Permanent Cover	kSqFt	\$13.25
342	Critical Area Planting	HU-Small Scale or Urban Field Permanent Cover	kSqFt	\$15.90
345	Residue and Tillage Management, Reduced Till	Mulch till-Adaptive Management	No	\$3,471.85
345	Residue and Tillage Management, Reduced Till	HU-Mulch till-Adaptive Management	No	\$4,166.21
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	\$15.99
345	Residue and Tillage Management, Reduced Till	HU-Residue and Tillage Management, Reduced Till	Ac	\$19.19
345	Residue and Tillage Management, Reduced Till	Urban Small Scale Reduced Tillage with Residue or Cover	kSqFt	\$28.87
345	Residue and Tillage Management, Reduced Till	HU-Urban Small Scale Reduced Tillage with Residue or Cover	kSqFt	\$34.64
355	Groundwater Testing	Basic Water Test	No	\$49.85
355	Groundwater Testing	HU-Basic Water Test	No	\$59.82
355	Groundwater Testing	Full Spectrum Test	No	\$267.68
355	Groundwater Testing	HU-Full Spectrum Test	No	\$321.22
355	Groundwater Testing	Specialty Water Test	No	\$190.52
355	Groundwater Testing	HU-Specialty Water Test	No	\$228.62
362	Diversion	Diversion with seed and mulch	Ft	\$7.21
362	Diversion	HU-Diversion with seed and mulch	Ft	\$8.66
372	Combustion System Improvement	IC Engine Repower, < 50 bhp	BHP	\$75.39
372	Combustion System Improvement	HU-IC Engine Repower, < 50 bhp	BHP	\$90.47
372	Combustion System Improvement	IC Engine Repower, 100-199 bhp	BHP	\$105.63
372	Combustion System Improvement	HU-IC Engine Repower, 100-199 bhp	BHP	\$126.76
372	Combustion System Improvement	IC Engine Repower, 50-99 bhp	BHP	\$153.61

Code	Practice	Component	Units	Unit Cost
372	Combustion System Improvement	HU-IC Engine Repower, 50-99 bhp	BHP	\$184.34
372	Combustion System Improvement	Reverse Osmosis <=250 GPH	Gal/Hr	\$29.54
372	Combustion System Improvement	HU-Reverse Osmosis <=250 GPH	Gal/Hr	\$35.45
372	Combustion System Improvement	Reverse Osmosis >=1000 GPH	Gal/Hr	\$13.19
372	Combustion System Improvement	HU-Reverse Osmosis >=1000 GPH	Gal/Hr	\$15.83
372	Combustion System Improvement	Reverse Osmosis >250 to <1000 GPH	Gal/Hr	\$17.93
372	Combustion System Improvement	HU-Reverse Osmosis >250 to <1000 GPH	Gal/Hr	\$21.52
372	Combustion System Improvement	Sap Preheater	SqFt	\$127.35
372	Combustion System Improvement	HU-Sap Preheater	SqFt	\$152.82
372	Combustion System Improvement	Steam Enhanced Preheater, <=24 SF	SqFt	\$823.29
372	Combustion System Improvement	HU-Steam Enhanced Preheater, <=24 SF	SqFt	\$987.95
372	Combustion System Improvement	Steam Enhanced Preheater, >24 SF	SqFt	\$314.54
372	Combustion System Improvement	HU-Steam Enhanced Preheater, >24 SF	SqFt	\$377.45
378	Pond	Embankment Pond with Pipe	CuYd	\$6.29
378	Pond	HU-Embankment Pond with Pipe	CuYd	\$7.55
378	Pond	Embankment Pond without Pipe	CuYd	\$5.20
378	Pond	HU-Embankment Pond without Pipe	CuYd	\$6.24
378	Pond	Excavated Pit	CuYd	\$6.65
378	Pond	HU-Excavated Pit	CuYd	\$7.98
378	Pond	Pond Embankment Rehabilitation	CuYd	\$113.41
378	Pond	HU-Pond Embankment Rehabilitation	CuYd	\$136.09
378	Pond	Pond Sediment & Debris Removal – Conventional Excavation	CuYd	\$26.43
378	Pond	HU-Pond Sediment & Debris Removal – Conventional Excavation	CuYd	\$31.72
378	Pond	Pond Sediment & Debris Removal – Hydraulic Dredge	CuYd	\$27.84
378	Pond	HU-Pond Sediment & Debris Removal – Hydraulic Dredge	CuYd	\$33.41
378	Pond	Pond Spillway Pipe Repair, Dam Height 12 ft or Less	DialnFt	\$59.11
378	Pond	HU-Pond Spillway Pipe Repair, Dam Height 12 ft or Less	DialnFt	\$70.93
412	Grassed Waterway	Base Waterway, Seeding	SqFt	\$0.25
412	Grassed Waterway	HU-Base Waterway, Seeding	SqFt	\$0.30

Code	Practice	Component	Units	Unit Cost
420	Wildlife Habitat Planting	High Species Diversity on Cropland with Foregone Income	Ac	\$697.00
420	Wildlife Habitat Planting	HU-High Species Diversity on Cropland with Foregone Income	Ac	\$780.55
420	Wildlife Habitat Planting	High Species Diversity on Fallow or Non-Cropland, no Foregone Income	Ac	\$366.11
420	Wildlife Habitat Planting	HU-High Species Diversity on Fallow or Non-Cropland, no Foregone Income	Ac	\$439.33
420	Wildlife Habitat Planting	Highly Specialized Habitat Requirements (Monarch) on Non-Cropland, No FI	Ac	\$985.77
420	Wildlife Habitat Planting	HU-Highly Specialized Habitat Requirements (Monarch) on Non-Cropland, No FI	Ac	\$1,182.92
420	Wildlife Habitat Planting	Low Species Diversity on Cropland with Foregone Income	Ac	\$515.11
420	Wildlife Habitat Planting	HU-Low Species Diversity on Cropland with Foregone Income	Ac	\$562.28
420	Wildlife Habitat Planting	Low Species Diversity on Non-Cropland, no Foregone Income	Ac	\$197.77
420	Wildlife Habitat Planting	HU-Low Species Diversity on Non-Cropland, no Foregone Income	Ac	\$237.32
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Cropland with Foregone Income	Ac	\$1,053.26
420	Wildlife Habitat Planting	HU-Specialized Habitat Requirements on Cropland with Foregone Income	Ac	\$1,208.07
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Non-Cropland, no Foregone Income	Ac	\$749.48
420	Wildlife Habitat Planting	HU-Specialized Habitat Requirements on Non-Cropland, no Foregone Income	Ac	\$899.37
420	Wildlife Habitat Planting	Very Small Acreage (<.5 ac) Planting with Seedlings	Ac	\$23,073.69
420	Wildlife Habitat Planting	HU-Very Small Acreage (<.5 ac) Planting with Seedlings	Ac	\$27,688.42
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) greater than 3in to 8in diameter	Lb	\$4.30
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) greater than 3in to 8in diameter	Lb	\$5.16
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10in or more diameter	Lb	\$3.51
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 10in or more diameter	Lb	\$4.22
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) up to 3 inch diameter	Lb	\$18.85
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) up to 3 inch diameter	Lb	\$22.62
430	Irrigation Pipeline	Horizontal Boring	Ft	\$154.50
430	Irrigation Pipeline	HU-Horizontal Boring	Ft	\$185.40
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10in or more diameter	Lb	\$2.32
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 10in or more diameter	Lb	\$2.78
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10in or more diameter with 4 in sand bedding	Lb	\$2.34
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 10in or more diameter with 4 in sand bedding	Lb	\$2.81
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8in or less diam	Lb	\$3.19

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 8in or less diam	Lb	\$3.83
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding	Lb	\$3.34
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding	Lb	\$4.01
430	Irrigation Pipeline	PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$4.96
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$5.95
430	Irrigation Pipeline	Surface Aluminum (Aluminum Irrigation Pipe)	Lb	\$4.65
430	Irrigation Pipeline	HU-Surface Aluminum (Aluminum Irrigation Pipe)	Lb	\$5.58
430	Irrigation Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Lb	\$4.21
430	Irrigation Pipeline	HU-Surface HDPE (Iron Pipe Size & Tubing)	Lb	\$5.05
436	Irrigation Reservoir	Embankment Dam with On-Site Borrow	CuYd	\$5.03
436	Irrigation Reservoir	HU-Embankment Dam with On-Site Borrow	CuYd	\$6.03
436	Irrigation Reservoir	Embankment Reservoir under 30 Acre-Feet	CuYd	\$4.13
436	Irrigation Reservoir	HU-Embankment Reservoir under 30 Acre-Feet	CuYd	\$4.95
436	Irrigation Reservoir	Excavated Spread Off Site	CuYd	\$7.07
436	Irrigation Reservoir	HU-Excavated Spread Off Site	CuYd	\$8.49
436	Irrigation Reservoir	Excavated Spread On Site	CuYd	\$5.76
436	Irrigation Reservoir	HU-Excavated Spread On Site	CuYd	\$6.91
436	Irrigation Reservoir	Excavated Tailwater Pit	CuYd	\$2.06
436	Irrigation Reservoir	HU-Excavated Tailwater Pit	CuYd	\$2.47
436	Irrigation Reservoir	Fiberglass Tank	Gal	\$1.04
436	Irrigation Reservoir	HU-Fiberglass Tank	Gal	\$1.25
436	Irrigation Reservoir	Plastic Tank	Gal	\$1.49
436	Irrigation Reservoir	HU-Plastic Tank	Gal	\$1.79
436	Irrigation Reservoir	Plastic Tank Buried	Gal	\$1.67
436	Irrigation Reservoir	HU-Plastic Tank Buried	Gal	\$2.00
436	Irrigation Reservoir	Plastic tank, less than or equal to 1,000 gallons	Gal	\$3.18
436	Irrigation Reservoir	HU-Plastic tank, less than or equal to 1,000 gallons	Gal	\$3.81
436	Irrigation Reservoir	Steel Tank	Gal	\$0.71
436	Irrigation Reservoir	HU-Steel Tank	Gal	\$0.85

Code	Practice	Component	Units	Unit Cost
436	Irrigation Reservoir	Tailwater Recovery Greenhouse	Gal	\$3.83
436	Irrigation Reservoir	HU-Tailwater Recovery Greenhouse	Gal	\$4.60
441	Irrigation System, Microirrigation	Automated Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	\$2,068.85
441	Irrigation System, Microirrigation	HU-Automated Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	\$2,482.62
441	Irrigation System, Microirrigation	Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc	Ac	\$2,600.05
441	Irrigation System, Microirrigation	HU-Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc	Ac	\$3,120.06
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	SqFt	\$0.14
441	Irrigation System, Microirrigation	HU-Hoop House Surface Microirrigation	SqFt	\$0.17
441	Irrigation System, Microirrigation	Microjet with Filter	Ac	\$2,385.23
441	Irrigation System, Microirrigation	HU-Microjet with Filter	Ac	\$2,862.28
441	Irrigation System, Microirrigation	Multiple Outlet Drip	SqFt	\$0.38
441	Irrigation System, Microirrigation	HU-Multiple Outlet Drip	SqFt	\$0.45
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	\$1,679.68
441	Irrigation System, Microirrigation	HU-SDI (Subsurface Drip Irrigation)	Ac	\$2,015.62
441	Irrigation System, Microirrigation	Small Microirrigation System	SqFt	\$0.63
441	Irrigation System, Microirrigation	HU-Small Microirrigation System	SqFt	\$0.75
441	Irrigation System, Microirrigation	Surface Permanent PE Tube Disk or Screen Filter Laterals 9 ft oc	Ac	\$2,046.86
441	Irrigation System, Microirrigation	HU-Surface Permanent PE Tube Disk or Screen Filter Laterals 9 ft oc	Ac	\$2,456.23
441	Irrigation System, Microirrigation	Surface Permanent PE Tube with Disk or Screen filter laterals 14 ft oc	Ac	\$1,572.94
441	Irrigation System, Microirrigation	HU-Surface Permanent PE Tube with Disk or Screen filter laterals 14 ft oc	Ac	\$1,887.53
441	Irrigation System, Microirrigation	Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	\$2,035.78
441	Irrigation System, Microirrigation	HU-Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	\$2,442.94
441	Irrigation System, Microirrigation	Surface Permanent PE tube with Media Filter Laterals 9 ft oc	Ac	\$2,509.70
441	Irrigation System, Microirrigation	HU-Surface Permanent PE tube with Media Filter Laterals 9 ft oc	Ac	\$3,011.64
441	Irrigation System, Microirrigation	Surface Tape <5 acres	Ac	\$3,263.24
441	Irrigation System, Microirrigation	HU-Surface Tape <5 acres	Ac	\$3,915.88
441	Irrigation System, Microirrigation	Surface Tape > or = 5 acres	Ac	\$2,130.27
441	Irrigation System, Microirrigation	HU-Surface Tape > or = 5 acres	Ac	\$2,556.32
442	Sprinkler System	Lateral Move System > 1000 LF	Ft	\$79.51

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	HU-Lateral Move System > 1000 LF	Ft	\$95.41
442	Sprinkler System	Linear Move System	Ft	\$91.63
442	Sprinkler System	HU-Linear Move System	Ft	\$109.96
442	Sprinkler System	Pod System	No	\$220.78
442	Sprinkler System	HU-Pod System	No	\$264.93
442	Sprinkler System	Solid Set System	Ac	\$3,404.38
442	Sprinkler System	HU-Solid Set System	Ac	\$4,085.26
442	Sprinkler System	Traveling Boom	Lnft	\$333.53
442	Sprinkler System	HU-Traveling Boom	Lnft	\$400.23
442	Sprinkler System	Traveling Gun System, < 2 inch Hose	No	\$9,297.00
442	Sprinkler System	HU-Traveling Gun System, < 2 inch Hose	No	\$11,156.40
442	Sprinkler System	Traveling Gun System, > 3 inch Hose	No	\$34,161.38
442	Sprinkler System	HU-Traveling Gun System, > 3 inch Hose	No	\$40,993.66
442	Sprinkler System	Traveling Gun System, 2 inch to 3 inch Hose	No	\$18,530.05
442	Sprinkler System	HU-Traveling Gun System, 2 inch to 3 inch Hose	No	\$22,236.06
443	Irrigation System, Surface and Subsurface	Ebb and Flow Benches	SqFt	\$10.11
443	Irrigation System, Surface and Subsurface	HU-Ebb and Flow Benches	SqFt	\$12.14
443	Irrigation System, Surface and Subsurface	Flood Floor Irrigation	SqFt	\$6.62
443	Irrigation System, Surface and Subsurface	HU-Flood Floor Irrigation	SqFt	\$7.94
449	Irrigation Water Management	Advanced IWM < 1 acre	SqFt	\$0.94
449	Irrigation Water Management	HU-Advanced IWM < 1 acre	SqFt	\$1.13
449	Irrigation Water Management	Advanced IWM <= 30 acres	Ac	\$50.12
449	Irrigation Water Management	HU-Advanced IWM <= 30 acres	Ac	\$60.14
449	Irrigation Water Management	Advanced IWM > 30 acres	Ac	\$17.31
449	Irrigation Water Management	HU-Advanced IWM > 30 acres	Ac	\$20.77
449	Irrigation Water Management	Basic IWM < 1 acre	SqFt	\$0.56
449	Irrigation Water Management	HU-Basic IWM < 1 acre	SqFt	\$0.68
449	Irrigation Water Management	Basic IWM <= 30 acres	Ac	\$30.07
449	Irrigation Water Management	HU-Basic IWM <= 30 acres	Ac	\$36.09

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Basic IWM > 30 acres	Ac	\$11.06
449	Irrigation Water Management	HU-Basic IWM > 30 acres	Ac	\$13.27
449	Irrigation Water Management	Intermediate IWM < 1 acre	SqFt	\$0.75
449	Irrigation Water Management	HU-Intermediate IWM < 1 acre	SqFt	\$0.90
449	Irrigation Water Management	Intermediate IWM <= 30 acres	Ac	\$40.10
449	Irrigation Water Management	HU-Intermediate IWM <= 30 acres	Ac	\$48.12
449	Irrigation Water Management	Intermediate IWM > 30 acres	Ac	\$14.18
449	Irrigation Water Management	HU-Intermediate IWM > 30 acres	Ac	\$17.02
449	Irrigation Water Management	IWM w weather station	No	\$3,600.20
449	Irrigation Water Management	HU-IWM w weather station	No	\$4,320.24
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder_1stYear	No	\$1,672.27
449	Irrigation Water Management	HU-Soil Moisture Sensors with Data Recorder_1stYear	No	\$2,006.72
449	Irrigation Water Management	Soil Moisture Sensors_1st Year	No	\$1,256.64
449	Irrigation Water Management	HU-Soil Moisture Sensors_1st Year	No	\$1,507.96
468	Lined Waterway or Outlet	Stone Centered Grassed Waterway	SqFt	\$1.31
468	Lined Waterway or Outlet	HU-Stone Centered Grassed Waterway	SqFt	\$1.57
484	Mulching	Aggregate	kSqFt	\$315.55
484	Mulching	HU-Aggregate	kSqFt	\$378.66
484	Mulching	Erosion Control Blanket	kSqFt	\$159.57
484	Mulching	HU-Erosion Control Blanket	kSqFt	\$191.49
484	Mulching	Natural Material - Partial Coverage	Ac	\$30.96
484	Mulching	HU-Natural Material - Partial Coverage	Ac	\$37.15
484	Mulching	Straw or Hay, Manual Application	Ac	\$370.95
484	Mulching	HU-Straw or Hay, Manual Application	Ac	\$445.14
484	Mulching	Straw or Hay, Mechanical Application	Ac	\$123.34
484	Mulching	HU-Straw or Hay, Mechanical Application	Ac	\$148.01
484	Mulching	Synthetic Material	Ac	\$254.31
484	Mulching	HU-Synthetic Material	Ac	\$305.18
484	Mulching	Tree and Shrub	No	\$0.54

Code	Practice	Component	Units	Unit Cost
484	Mulching	HU-Tree and Shrub	No	\$0.65
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul > 1 mile	CuYd	\$11.53
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Material haul > 1 mile	CuYd	\$13.83
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul < 1 mile	CuYd	\$9.77
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Material haul < 1 mile	CuYd	\$11.73
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	40 mil Flexible Membrane Liner over 15K Square Feet	SqFt	\$1.47
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-40 mil Flexible Membrane Liner over 15K Square Feet	SqFt	\$1.76
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	40 mil Flexible Membrane Liner up to 15K Square Feet	SqFt	\$1.87
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-40 mil Flexible Membrane Liner up to 15K Square Feet	SqFt	\$2.25
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	60 Mil Flexible Membrane Liner over 15K Square Feet	SqFt	\$2.12
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-60 Mil Flexible Membrane Liner over 15K Square Feet	SqFt	\$2.54
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	60 Mil Flexible Membrane Liner up to 15K Square Feet	SqFt	\$2.49
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-60 Mil Flexible Membrane Liner up to 15K Square Feet	SqFt	\$2.99
522	Pond Sealing or Lining - Concrete	Concrete Liner <= 16K Square Feet	SqFt	\$6.77
522	Pond Sealing or Lining - Concrete	HU-Concrete Liner <= 16K Square Feet	SqFt	\$8.12
522	Pond Sealing or Lining - Concrete	Concrete Liner > 16K Square Feet	SqFt	\$6.84
522	Pond Sealing or Lining - Concrete	HU-Concrete Liner > 16K Square Feet	SqFt	\$8.21
533	Pumping Plant	Electric Powered Pump less than 3 Hp	BHP	\$1,846.98
533	Pumping Plant	HU-Electric Powered Pump less than 3 Hp	BHP	\$2,216.38
533	Pumping Plant	Electric Powered Pump Less Than 3 HP with Adequate Pump Controls	BHP	\$2,129.63
533	Pumping Plant	HU-Electric Powered Pump Less Than 3 HP with Adequate Pump Controls	BHP	\$2,555.56
533	Pumping Plant	Electric-Powered Pump 10 to 40 HP	BHP	\$570.60
533	Pumping Plant	HU-Electric-Powered Pump 10 to 40 HP	BHP	\$684.72

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Electric-Powered Pump 3 up to less than 10 HP	BHP	\$822.63
533	Pumping Plant	HU-Electric-Powered Pump 3 up to less than 10 HP	BHP	\$987.16
533	Pumping Plant	Electric-Powered Pump 3 up to less than 10 HP with Adequate Pump Controls	BHP	\$875.34
533	Pumping Plant	HU-Electric-Powered Pump 3 up to less than 10 HP with Adequate Pump Controls	BHP	\$1,050.41
533	Pumping Plant	Electric-Powered Pump over 40 HP	BHP	\$382.21
533	Pumping Plant	HU-Electric-Powered Pump over 40 HP	BHP	\$458.66
533	Pumping Plant	Internal Combustion Powered Pump less than 7.5 HP	BHP	\$708.24
533	Pumping Plant	HU-Internal Combustion Powered Pump less than 7.5 HP	BHP	\$849.89
533	Pumping Plant	Internal Combustion-Powered Pump 7.5 to 75 HP	BHP	\$564.69
533	Pumping Plant	HU-Internal Combustion-Powered Pump 7.5 to 75 HP	BHP	\$677.63
533	Pumping Plant	Internal Combustion-Powered Pump over 75 HP	BHP	\$517.24
533	Pumping Plant	HU-Internal Combustion-Powered Pump over 75 HP	BHP	\$620.69
533	Pumping Plant	Photovoltaic-Powered Pump, <4 kW	Kw	\$5,999.26
533	Pumping Plant	HU-Photovoltaic-Powered Pump, <4 kW	Kw	\$7,199.11
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	BHP	\$134.34
533	Pumping Plant	HU-Tractor Power Take Off (PTO) Pump	BHP	\$161.21
533	Pumping Plant	Variable Frequency Drive Less Than 10HP	HP	\$199.25
533	Pumping Plant	HU-Variable Frequency Drive Less Than 10HP	HP	\$239.10
533	Pumping Plant	Variable Frequency Drive over 10HP	HP	\$119.63
533	Pumping Plant	HU-Variable Frequency Drive over 10HP	HP	\$143.55
558	Roof Runoff Structure	Trench Drain	Ft	\$12.49
558	Roof Runoff Structure	HU-Trench Drain	Ft	\$14.99
558	Roof Runoff Structure	Urban high tunnel roof runoff trench drain and storage	Lnft	\$39.45
558	Roof Runoff Structure	HU-Urban high tunnel roof runoff trench drain and storage	Lnft	\$47.34
570	Stormwater Runoff Control	Combination, Most common Best Management Practices	Ac	\$909.83
570	Stormwater Runoff Control	HU-Combination, Most common Best Management Practices	Ac	\$1,091.80
570	Stormwater Runoff Control	Rain Garden	SqFt	\$0.77
570	Stormwater Runoff Control	HU-Rain Garden	SqFt	\$0.93
570	Stormwater Runoff Control	Silt Fence	Ft	\$3.00

Code	Practice	Component	Units	Unit Cost
570	Stormwater Runoff Control	HU-Silt Fence	Ft	\$3.61
587	Structure for Water Control	Flow Meter with Electronic Index	In	\$233.93
587	Structure for Water Control	HU-Flow Meter with Electronic Index	In	\$280.71
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	\$343.70
587	Structure for Water Control	HU-Flow Meter with Electronic Index & Telemetry	In	\$412.44
587	Structure for Water Control	Flow Meter with Mechanical Index	In	\$124.32
587	Structure for Water Control	HU-Flow Meter with Mechanical Index	In	\$149.18
606	Subsurface Drain	6 inch Footing Drain w/ Geotextile Fabric	Ft	\$7.47
606	Subsurface Drain	HU-6 inch Footing Drain w/ Geotextile Fabric	Ft	\$8.96
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (No Gravel)	Ft	\$3.60
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (No Gravel)	Ft	\$4.31
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (with 1'x2' Env.of Gravel)	Ft	\$6.54
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (with 1'x2' Env.of Gravel)	Ft	\$7.85
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch, 10 feet deep (with 1'x2' Env. of Gravel)	Ft	\$10.88
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch, 10 feet deep (with 1'x2' Env. of Gravel)	Ft	\$13.05
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, >= 8 inch (No Gravel)	Ft	\$11.55
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, >= 8 inch (No Gravel)	Ft	\$13.86
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Twin-Wall, >= 8 inch (with 2'x3' Env. of Gravel)	Ft	\$16.75
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Twin-Wall, >= 8 inch (with 2'x3' Env. of Gravel)	Ft	\$20.10
606	Subsurface Drain	Curtain Drain <= 4 Feet Deep	Lnft	\$23.91
606	Subsurface Drain	HU-Curtain Drain <= 4 Feet Deep	Lnft	\$28.69
606	Subsurface Drain	Curtain Drain > 4 Feet Deep	Lnft	\$46.11
606	Subsurface Drain	HU-Curtain Drain > 4 Feet Deep	Lnft	\$55.33
620	Underground Outlet	10 inch High Density Polyethylene (HDPE) Pipe only	Ft	\$16.48
620	Underground Outlet	HU-10 inch High Density Polyethylene (HDPE) Pipe only	Ft	\$19.78
620	Underground Outlet	14 to 18 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$35.70
620	Underground Outlet	HU-14 to 18 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$42.84
620	Underground Outlet	20 to 24 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$49.61
620	Underground Outlet	HU-20 to 24 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$59.53

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	26 to 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$56.86
620	Underground Outlet	HU-26 to 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$68.23
620	Underground Outlet	4 inch Corrugated Plastic Pipe (CPP) only	Ft	\$5.90
620	Underground Outlet	HU-4 inch Corrugated Plastic Pipe (CPP) only	Ft	\$7.09
620	Underground Outlet	4 to 6 inch Corrugated Plastic Pipe (CPP) with Riser	Ft	\$11.50
620	Underground Outlet	HU-4 to 6 inch Corrugated Plastic Pipe (CPP) with Riser	Ft	\$13.80
620	Underground Outlet	4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin up to 50 feet in length	Ft	\$41.02
620	Underground Outlet	HU-4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin up to 50 feet in length	Ft	\$49.23
620	Underground Outlet	4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin w/ Horizontal Boring	Ft	\$57.54
620	Underground Outlet	HU-4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin w/ Horizontal Boring	Ft	\$69.05
620	Underground Outlet	4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin over 50 feet in length	Ft	\$17.50
620	Underground Outlet	HU-4 to 6 inch Polyvinyl Chloride (PVC) Pipe with Catch Basin over 50 feet in length	Ft	\$20.99
620	Underground Outlet	6 inch Corrugated Plastic Pipe (CPP) only	Ft	\$10.00
620	Underground Outlet	HU-6 inch Corrugated Plastic Pipe (CPP) only	Ft	\$12.00
620	Underground Outlet	8 inch Corrugated Plastic Pipe (CPP) only	Ft	\$12.35
620	Underground Outlet	HU-8 inch Corrugated Plastic Pipe (CPP) only	Ft	\$14.82
620	Underground Outlet	8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin over 50 feet in length	Ft	\$26.42
620	Underground Outlet	HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin over 50 feet in length	Ft	\$31.71
620	Underground Outlet	8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin up to 50 feet in length	Ft	\$54.25
620	Underground Outlet	HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin up to 50 feet in length	Ft	\$65.10
620	Underground Outlet	8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin w/ Horizontal Boring	Ft	\$61.79
620	Underground Outlet	HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin w/ Horizontal Boring	Ft	\$74.15
620	Underground Outlet	8 to 12 inch High Density Polyethylene (HDPE) Pipe with Riser	Ft	\$18.58
620	Underground Outlet	HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Riser	Ft	\$22.29
620	Underground Outlet	Blind Inlet for Water Quality	No	\$1,218.57
620	Underground Outlet	HU-Blind Inlet for Water Quality	No	\$1,462.28
620	Underground Outlet	Over 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$77.47
620	Underground Outlet	HU-Over 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin	Ft	\$92.97

Code	Practice	Component	Units	Unit Cost
642	Water Well	4 inch cased	Lnft	\$19.29
642	Water Well	HU-4 inch cased	Lnft	\$23.15
642	Water Well	4 inch limited casing	Ft	\$15.15
642	Water Well	HU-4 inch limited casing	Ft	\$18.18
642	Water Well	Deep Well	No	\$13,900.75
642	Water Well	HU-Deep Well	No	\$16,680.90
642	Water Well	Dug Well	No	\$6,894.46
642	Water Well	HU-Dug Well	No	\$8,273.35
642	Water Well	High Volume Deep Well	No	\$21,118.96
642	Water Well	HU-High Volume Deep Well	No	\$25,342.76
642	Water Well	High Volume Shallow Well	No	\$5,592.16
642	Water Well	HU-High Volume Shallow Well	No	\$6,710.59
642	Water Well	High Volume Typical Well	No	\$9,857.19
642	Water Well	HU-High Volume Typical Well	No	\$11,828.62
642	Water Well	High Volume Typical Well, 8 inch or greater	Lnft	\$34.37
642	Water Well	HU-High Volume Typical Well, 8 inch or greater	Lnft	\$41.24
642	Water Well	Shallow Well	No	\$2,877.55
642	Water Well	HU-Shallow Well	No	\$3,453.06
642	Water Well	Typical Well	No	\$6,321.00
642	Water Well	HU-Typical Well	No	\$7,585.20
642	Water Well	Typical Well, 6 inch	Lnft	\$20.26
642	Water Well	HU-Typical Well, 6 inch	Lnft	\$24.31
642	Water Well	Well Yield Test	Hr	\$150.87
642	Water Well	HU-Well Yield Test	Hr	\$181.05